

Claims:

1. Process for transferring glass panes (26) out of an initial position in which the glass pane (16) is slightly tilted relative to the vertical, into an essentially horizontal position, characterized in that the glass pane (26) in the area of its upper edge (29) is supported by a support (40, 44) which lies on the side of the glass pane (26) which points down, and that the glass pane (26) after the support (40, 44) has been moved away out of the area of the upper edge (29) is allowed to fall over onto a support surface (2).

2. Process as claimed in claim 1, wherein the glass pane (26) is allowed to fall over without first aligning it into the vertical position.

3. Process as claimed in claim 1 or 2, wherein the glass pane (26) with its lower edge (28) standing up on the conveyor device (22) is moved into the initial position.

4. Process as claimed in one of claims 1 to 3, wherein the glass pane (26) with its upper edge (29) adjoining the support means (40) is moved into the initial position.

5. Process as claimed in one of claims 1 to 4, wherein at least the distance of the lower edge (28) of the glass pane (26) is aligned at a predetermined distance from the support surface (2) on which the glass pane (26) lies after being allowed to fall over.

6. Process as claimed in claim 5, wherein the glass pane (26) with its lower edge is aligned by moving the transport means (22) transversely to the lengthwise extension of the lower edge (28) of the glass pane (26).

7. Process as claimed in one of claims 1 to 6, wherein the glass pane (26) is aligned by moving its upper edge (29) transversely to the lengthwise extension of the upper edge (29).

8. Device for transferring glass panes (26) out of a position which is slightly titled relative to the vertical into an essentially horizontal position, characterized by a support table

(2) for glass sheets (26) in their essentially horizontal position, by a conveyor device (22) for the lower horizontal edge (28) of the glass pane (26) and by a support means (40, 44) for the upper edge (29) of the glass pane (26), and the support means (40) for the upper edge (29) of the glass pane (26) for releasing the upper edge (29) can be moved away out of the area of this edge (29).

9. Device as claimed in claim 8, wherein the support means (40) can be raised.

10. Device as claimed in claim 8 or 9, wherein the transport means (22) can be moved transversely to the track of the glass pane (26) which is standing in its initial position (lower edge 28 of the pane) (arrow 36).

11. Device as claimed in one of claims 8 to 10, wherein the support means (40) can be moved transversely to the lengthwise extension of the upper edge (29) of the glass pane (arrow 50).

12. Device as claimed in one of claims 8 to 11, wherein the support means (40) for the top edge (29) of the glass pane has a beam (42) which is equipped with rollers (44).

13. Device as claimed in claim 12, wherein the rollers (44) are arranged pointing down from the beam (42).

14. Device as claimed in claim 12 or 13, wherein the rollers (44) are freely rotating rollers.

15. Device as claimed in one of claims 12 to 14, wherein the beam (42) can be moved via a carriage (48) in the horizontal direction (arrow 50).

16. Device as claimed in claim 15, wherein the carriages (48) for the beam (42) can be moved on essentially horizontal guides (46).

17. Device as claimed in claim 16, wherein the horizontal guide (46) of the support (40) can be moved via carriages (52) on vertical guides (54).

18. Device as claimed in one of claims 8 to 17, wherein the support surface (2) can be raised at least in the area of its edge (14) away from the conveyor devices (22).

19. Device as claimed in one of claims 8 to 18, wherein the conveyor device (22) has a conveyor belt (24).

20. Device as claimed in one of claims 8 to 18, wherein the conveyor device (22) has a line of rotary drive rollers.

21. Device as claimed in one of claims 8 to 20, wherein the conveyor device (22) can be moved on guides (34) (arrow 36).

22. Device as claimed in one of claims 8 to 21, wherein the conveyor means (22) has a guide (30) for the lower edge (28) of the glass pane (26).

23. Device as claimed in claim 22, wherein the guide (30) can be moved transversely to the conveyor device (22).